

## JP9200666A: METHOD AND DEVICE FOR GENERATING AND DISPLAYING IMAGE WITH RECORDING POSITION

**Problem to be solved:** To provide method and device for generating and displaying image with which route guidance or the like due to the photographed image of real scenery is enabled by facilitating the reproduction of images, etc., or the registration of recording positions into an electronic map.

**Solution:** One piece or one frame of image is acquired from an image photographing part 11. At the same time, the direction of camera is detected from a camera direction detecting part 14 and the position of camera is detected from a camera position detecting part 13. A control part 16 relates these image, camera position and camera direction together with the date and time of that time point as one piece of data and preserves these data in a data preservation part 15. The data are stored by repeating this operation. Next, in the case of performing navigation, while previously possessing preserving these provided image data with recording position in the data preservation part 15, the control part 16 retrieves any image having the closest recording position and direction out of images preserved in the data preservation part 15 while referring to the camera position and direction provided from the camera position detecting part 13 and the camera direction detecting part 14 and displays that image on an image display part 12.

## JP8335034A: RETRIEVING DEVICE FOR PHOTOGRAPHIC IMAGE, AND DISPLAY METHOD FOR FILED STATE

**Purpose:** To provide a retrieving device for photographic image and a display method for filed state in which, what degree of the number of images has been stored within a certain positional range, or in which unit and what degree of the number of images has been stored, and on what day they have been stored, can be quickly recognized.

**Constitution:** This device is formed out of memory means 31, 32, 33 for dividing and storing the image information into an image part, a character part, and a key word extracted from the character part, a map data base 40 for storing the map information, and a display means 22 for displaying the stored information and/or the edited information. It also has a control part 20 for taking the correspondence with the map data base 40, when the position information is inputted as key word from an operation part 21, on basis of the position information corresponding to the key word, displaying an icon to a predetermined area when the map is displayed on a display means 22 in a certain scale, retrieving the number of images photographed within the area corresponding to the icon from the memory means 31, 32, 33 on the displayed map, and displaying the number of images in conformation to the icon position.